

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/564,849A
Source: IFWO
Date Processed by STIC: 5-100

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/564,849A

TIME: 12:56:54

Input Set : A:\ARTHP116USV2.txt

Output Set: N:\CRF4\05012006\J564849A.raw

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3 <110> APPLICANT: Mondobiotech Laboratories Anstalt
5 <120> TITLE OF INVENTION: Substances with the same biological activity as Vasoactive
6   Intestinal Peptide for treating interstitial lung disorders
8 <130> FILE REFERENCE: PMB-0304 INT
10 <140> CURRENT APPLICATION NUMBER: 10/564,849A
11 <141> CURRENT FILING DATE: 2006-01-13
13 <150> PRIOR APPLICATION NUMBER: CH 01229/03
14 <151> PRIOR FILING DATE: 2003-07-14
16 <160> NUMBER OF SEQ ID NOS: 14
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 28
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
27 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
28 1           5           10           15
31 Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn
32           20           25
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 38
37 <212> TYPE: PRT
38 <213> ORGANISM: Homo sapiens
40 <400> SEQUENCE: 2
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47           20           25           30
50 Gln Arg Val Lys Asn Lys
51           35
54 <210> SEQ ID NO: 3
55 <211> LENGTH: 27
56 <212> TYPE: PRT
57 <213> ORGANISM: Homo sapiens
59 <400> SEQUENCE: 3
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62 1           5           10           15
65 Met Ala Val Lys Lys Tyr Leu Ala Ala Val Leu
66           20           25
69 <210> SEQ ID NO: 4
70 <211> LENGTH: 10
71 <212> TYPE: PRT
72 <213> ORGANISM: Homo sapiens

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74 <400> SEQUENCE: 4
76 Arg Lys Gln Met Ala Val Lys Lys Tyr Leu
77 1          5          10
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81 <211> LENGTH: 23
82 <212> TYPE: PRT
83 <213> ORGANISM: Homo sapiens
86 <220> FEATURE:
87 <221> NAME/KEY: MISC_FEATURE
88 <222> LOCATION: (4)..(8)
89 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue
91 <400> SEQUENCE: 5
W--> 93 Phe Thr Asp Xaa Xaa Xaa Xaa Xaa Arg Lys Gln Met Ala Val Lys Lys
94 1          5          10          15
97 Tyr Leu Asn Ser Ile Leu Asn
98          20
101 <210> SEQ ID NO: 6
102 <211> LENGTH: 23
103 <212> TYPE: PRT
104 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 6
108 Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln Met Ala Val Lys Lys
109 1          5          10          15
112 Tyr Leu Asn Ser Ile Leu Asn
113          20
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 18
118 <212> TYPE: PRT
119 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 7
123 Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Lys Gln Met Ala Val Lys Lys
124 1          5          10          15
127 Tyr Leu
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 23
133 <212> TYPE: PRT
134 <213> ORGANISM: Homo sapiens
137 <220> FEATURE:
138 <221> NAME/KEY: MISC_FEATURE
139 <222> LOCATION: (4)..(5)
140 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue
142 <220> FEATURE:
143 <221> NAME/KEY: MISC_FEATURE
144 <222> LOCATION: (9)..(13)
145 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue
147 <400> SEQUENCE: 8
W--> 149 His Ser Asp Xaa Xaa Phe Thr Asp Xaa Xaa Xaa Xaa Xaa Arg Lys Gln
150 1          5          10          15
153 Met Ala Val Lys Lys Tyr Leu

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154          20
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159 <212> TYPE: PRT
160 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 9
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165 1          5          10          15
168 Met Ala Val Lys Lys Tyr Leu
169          20
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173 <211> LENGTH: 23
174 <212> TYPE: PRT
175 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 10
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180 1          5          10          15
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184          20
187 <210> SEQ ID NO: 11
188 <211> LENGTH: 28
189 <212> TYPE: PRT
190 <213> ORGANISM: Homo sapiens
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194 <221> NAME/KEY: MISC_FEATURE
195 <222> LOCATION: (4)..(5)
196 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue
198 <220> FEATURE:
199 <221> NAME/KEY: MISC_FEATURE
200 <222> LOCATION: (9)..(13)
201 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue
203 <220> FEATURE:
204 <221> NAME/KEY: MISC_FEATURE
205 <222> LOCATION: (24)..(28)
206 <223> OTHER INFORMATION: X at positions 24 - 27 may be any naturally occurring amino
acid
207 residue: X at position 28 may be any naturally occurring
208 amino acid residue
210 <400> SEQUENCE: 11
W--> 212 His Ser Asp Xaa Xaa Phe Thr Asp Xaa Xaa Xaa Xaa Xaa Arg Lys Gln
213 1          5          10          15
W--> 216 Met Ala Val Lys Lys Tyr Leu Xaa Xaa Xaa Xaa Xaa
217          20          25
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221 <211> LENGTH: 38
222 <212> TYPE: PRT
223 <213> ORGANISM: Homo sapiens
226 <220> FEATURE:
227 <221> NAME/KEY: MISC_FEATURE
228 <222> LOCATION: (4)..(5)

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229 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue
 231 <220> FEATURE:
 232 <221> NAME/KEY: MISC_FEATURE
 233 <222> LOCATION: (9)..(13)
 234 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue
 236 <220> FEATURE:
 237 <221> NAME/KEY: MISC_FEATURE
 238 <222> LOCATION: (24)..(38)
 239 <223> OTHER INFORMATION: X is any naturally occurring amino acid residue
 241 <400> SEQUENCE: 12
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 244 1 5 10 15
 W--> 247 Met Ala Val Lys Lys Tyr Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 248 20 25 30
 W--> 251 Xaa Xaa Xaa Xaa Xaa Xaa
 252 35
 255 <210> SEQ ID NO: 13
 256 <211> LENGTH: 3
 257 <212> TYPE: PRT
 258 <213> ORGANISM: Homo sapiens
 260 <400> SEQUENCE: 13
 262 Phe Thr Asp
 263 1
 266 <210> SEQ ID NO: 14
 267 <211> LENGTH: 3
 268 <212> TYPE: PRT
 269 <213> ORGANISM: Homo sapiens
 271 <400> SEQUENCE: 14
 273 His Ser Asp
 274 1

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/564,849A

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Input Set : A:\ARTHP116USV2.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 4,5,6,7,8 ✓

Seq#:8; Xaa Pos. 4,5,9,10,11,12,13 ✓

Seq#:11; Xaa Pos. 4,5,9,10,11,12,13,24,25,26,27,28 ✓

Seq#:12; Xaa Pos. 4,5,9,10,11,12,13,24,25,26,27,28,29,30,31,32,33,34,35,36 ✓

Seq#:12; Xaa Pos. 37,38 ✓

VERIFICATION SUMMARY

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Input Set : A:\ARTHP116USV2.txt

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L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:16
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:32